



- 1 Joe will go to the swimming pool on 20 different days this month.

- A one-day pass to the pool is \$2.25.
- A monthly pass to the pool is \$30.00.

How much money will Joe save by buying a monthly pass?

- A \$20
- B \$18
- C \$15
- D \$12
- 2 A rectangular parking lot has an area of $\frac{2}{3}$ of a square kilometer. The width is $\frac{1}{2}$ of a kilometer. What is the length, in kilometers, of the parking lot?

- A $\frac{1}{3}$
- B $\frac{2}{3}$
- C $1\frac{1}{3}$
- D $1\frac{2}{3}$

RELEASED



- 3 The price of a theater ticket increased from \$7.50 to \$7.75. The theater sold 315 tickets at the higher price. With the price increase, how much more did the theater earn on the tickets?

A \$78.00
 B \$78.25
 C \$78.50
 D \$78.75

- 4 Hannah babysits to earn money.

- She charges \$6.50 to babysit for the first hour.
- She charges \$5.75 for each additional hour.
- Let n equal the number of hours after the first hour.

Which expression represents how much Hannah charges?

A $12.25n$
 B $6.50 + 5.75n$
 C $6.50n + 5.75$
 D $6.50n + 5.75n$



5 What is the value of $\left(\frac{1}{7}\right)^3$?

- A $\frac{3}{7}$
- B $\frac{1}{7}$
- C $\frac{3}{343}$
- D $\frac{1}{343}$

6 Which choice shows a set of data that could be represented by the box plot shown below?



- A 1, 3, 5, 6, 7, 7, 8, 13, 19, 20
- B 1, 3, 5, 6, 6, 8, 13, 14, 19, 20
- C 1, 2, 3, 5, 7, 8, 8, 13, 19, 20
- D 1, 5, 5, 6, 6, 6, 8, 13, 19, 20



Questions 7 through 15 require you to write your answers in the boxes provided on your answer sheet. Write only one number or symbol in each box and fill in the circle in each column that matches what you have printed. Fill in only one circle in each column.

- 7 A recipe requires $\frac{1}{4}$ lb of onions to make 3 servings of soup. Mark has $1\frac{1}{2}$ lb of onions. How many servings can Mark make?
- 8 A rectangular room has an area of $131\frac{1}{4}$ square feet. The length of the room is $12\frac{1}{2}$ feet. What is the width, in feet, of the room?
- 9 Allen is building birdhouses that require $\frac{1}{2}$ -ft-long boards. How many pieces that are exactly $\frac{1}{2}$ ft long can be made from a board that is $8\frac{1}{4}$ ft long?



- 10 How much money should John get back when he uses \$10.00 to pay for purchases totaling \$5.25?

Express the answer as dollars.cents.

- 11 What is the product of 2.52 and 3.4?

- 12 At a store, Susan selected a pumpkin that weighed 35.2 ounces.

- Pumpkins cost \$1.80 per pound.
- There are 16 ounces in 1 pound.

How much did Susan's pumpkin cost?

Express the answer as dollars.cents.



13 What is the greatest whole number that is less than $\left(\frac{5}{2}\right)^3 \div \left(\frac{3}{4}\right)^2$?

14 What is the value of $\frac{1}{3}x^2 + 2$, when $x = 3$?

15 Heather earns \$8.00 per hour for walking a dog. How many hours must she work to earn \$256.00?

RELEASED



This is the end of the calculator inactive test questions.

Directions:

- 1. Look back over your answers for the calculator inactive questions. You will not be able to go back and work on these questions once you are given a calculator.**
- 2. Raise your hand to let your teacher know you are ready to begin the calculator active test questions.**
- 3. Do not begin work on the calculator active test questions until your teacher has given you a calculator.**

RELEASED

